PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

ACTION Base Form PCT/SA/S20 ACTION International application No. International application No. PCT / EP2 0 04 / 0 07 44 7 Applicant This International Search Report has been propagated by this International Searching Authority and is transmitted to the applicant according to Article 16 A copy is being transmitted to the international Search Report consists of a total of	Applicant's or agent's file reference	FOR FURTHER	
International application No. PCT / BP2004 / 007447 .07 / 07 / 2004 Applicant SIEMENS AKTIENGESELLSCHAPT This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This International Search Report consists of a total of selects. \[\textbf{X} \] It is also accompanied by a copy of each prior art document cited in this report. 1. Basis of the report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was flied, unless otherwise indicated under this letter. \[\textbf{Y} \] This international search was carried out on the basis of a translation of the international application furnished to this Authority (Fulus 23.1(b)). \[\textbf{Y} \] With regard to the language, the international search was carried out on the basis of a translation of the international application furnished to this Authority (Fulus 23.1(b)). \[\textbf{Y} \] With regard to any nucleotitide and/or amino acid sequence disclosed in the international application, see Box No. I. \[\textbf{Y} \] Unity of Invention is lacking (see Box III). \[\textbf{Y} \] With regard to the title, \[\textbf{X} \] the text is approved as submitted by the applicant. \[\textbf{Y} \] the text is approved as submitted by the applicant. \[\textbf{Y} \] the text is approved as submitted by the applicant. \[\textbf{Y} \] the text is approved as submitted by the applicant. \[\textbf{Y} \] the text is approved as submitted by the applicant. \[\textbf{Y} \] the text is approved as submitted by the applicant. \[\textbf{Y} \] the text is approved as submitted by the applicant is like international search report, submit comments to this Authority, may, within one month from the date of mailing of this international search report, submit comments to this Authority, because this figure better character			see Form PCT/ISA/220 as. where applicable. item 5 below.
PCT/EP2004/007447 Applicant SIEMENS AKTIENGESELLSCHAFT This international Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the international Eureau. This International Search Report consists of a total of3			
This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This International Search Report consists of a total of	PCT/EP2004/007447	.07/07/2004	
This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the international Bureau. This International Search Report consists of a total of	Applicant	N. W	
This international Search Report has been prepared by this international Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the international Bureau. This international Search Report consists of a total of			
This international Search Report consists of a total of	SIEMENS AKTIENGESELLSCHA	FT	
This international Search Report consists of a total of			
This International Search Report consists of a total of3sheets. X	This International Search Report has be according to Article 18. A copy is being	een prepared by this International Searching Aut	thority and is transmitted to the applicant
It is also accompanied by a copy of each prior art document cited in this report. 1. Basis of the report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). D. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. i. Certain claims were found unsearchable (See Box III). 3. Unity of invention is lacking (see Box III). 4. With regard to the title, X the text is approved as submitted by the applicant. the text has been established by this Authority to read as follows: 5. With regard to the abstract, X the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regards to the drawings, a. the figure of the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as selected by this Authority, because the applicant falled to suggest a figure, as selected by this Authority, because the applicant falled to suggest a figure.			
1. Basis of the report a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filled, unless otherwise indicated under this item. The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). D. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I. Certain claims were found unsearchable (See Box II). Unity of invention is lacking (see Box III). Unity of invention is lacking (see Box III). With regard to the title, the text is approved as submitted by the applicant. the text has been established by this Authority to read as follows: The text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because the sigure better characterizes the invention.			
a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was flied, unless otherwise indicated under this item. The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). D. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I. Certain claims were found unsearchable (See Box II). Unity of invention is lacking (see Box III). Unity of invention is lacking (see Box III). With regard to the title, The text is approved as submitted by the applicant. the text has been established by this Authority to read as follows: The text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of malling of this international search report, submit comments to this Authority. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as sejected by this Authority, because the applicant falled to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.		by a copy of each prior art document cited in this	s report,
The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I. Certain claims were found unsearchable (See Box III). Unity of invention is lacking (see Box III). Unity of invention is lacking (see Box III). Unity of invention is lacking (see Box III). With regard to the title, It the text is approved as submitted by the applicant. the text has been established by this Authority to read as follows: The text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as It appears in Box No. IV. The applicant may, within one month from the date of malling of this international search report, submit comments to this Authority. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No	•		
The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)). b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I. Certain claims were found unsearchable (See Box III). Unity of invention is tacking (see Box III). Unity of invention is tacking (see Box III). With regard to the titte, the text is approved as submitted by the applicant. the text has been established by this Authority to read as follows: With regard to the abstract, the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as suggested by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.	a. With regard to the language, the language in which it was filed, t	te international search was carried out on the baunless otherwise indicated under this item.	usis of the international application in the
b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I. Certain claims were found unsearchable (See Box III). Unity of invention is lacking (see Box III). Unity of invention is lacking (see Box III). Unity of invention is lacking (see Box III). With regard to the title, Ithe text is approved as submitted by the applicant. the text has been established by this Authority to read as follows: the text has been established, according to Fluid 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because the invention.			
2.	this Authority (F	al search was carried out on the basis of a trans Rule 23.1(b)).	lation of the international application furnished to
3. Unity of invention is lacking (see Box III). 4. With regard to the tittle, X	b. With regard to any nuc l	leotide and/or amino acid sequence disclosed	in the international application, see Box No. I.
3. Unity of invention is lacking (see Box III). 4. With regard to the tittle, X	2. Certain claims were fo	ound unsearchable (See Box II).	
4. With regard to the title, X			
the text is approved as submitted by the applicant. the text has been established by this Authority to read as follows: With regard to the abstract, X	3. Unity of invention is la	acking (see Box III).	•
the text has been established by this Authority to read as follows: With regard to the abstract, X the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.	4. With regard to the title,		
5. With regard to the abstract, X the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.			
the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.	the text has been estab	lished by this Authority to read as follows:	
the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.			
the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.			
the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.			
the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.			
the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.			
the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.	•		
the text is approved as submitted by the applicant. the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority. 6. With regards to the drawings, a. the figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.	E Manh appeared to the object		
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of malling of this international search report, submit comments to this Authority. 6. With regards to the drawings , a. the figure of the drawings to be published with the abstract is Figure No as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.		and a standard but the analysis and	
6. With regards to the drawings , a. the figure of the drawings to be published with the abstract is Figure No. as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.			· · · · · · · · · · · · · · · · · · ·
a. the figure of the drawings to be published with the abstract is Figure No as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.	may, within one month f	rom the date of mailing of this international search	ty as it appears in Box No. IV. The applicant ch report, submit comments to this Authority.
a. the figure of the drawings to be published with the abstract is Figure No	With regards to the drawings.		•
as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.		published with the abstract is Figure No.	
as selected by this Authority, because the applicant failed to suggest a figure. as selected by this Authority, because this figure better characterizes the invention.			
as selected by this Authority, because this figure better characterizes the invention.			igest a figure.
b. X none of the figures is to be published with the abstract.			

INTERNATIONAL SEARCH REPORT

International Application No

F			PC P2004/007447		
A. CLASSI IPC 7	SIFICATION OF SUBJECT M H04Q7/28				
	to International Patent Classification (IPC) or to both national classi	ification and IPC			
Minimum do	S SEARCHED documentation searched (classification system followed by classific	1 -1-1			
IPC 7	H04Q	ation symbols)			
Documentat	ation searched other than minimum documentation to the extent tha	it such documents are include	ad in the fields searched		
I	data base consulted during the international search (name of data internal, WPI Data	base and, where practical, se	earch terms used)		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT				
Category °		relevant passages	Relevant to claim No.		
х	US 6 721 537 B1 (BRIESEMEISTER L 13 April 2004 (2004-04-13) column 3, line 31 - line 53	_INDA)	1-3,8-10		
Α	US 5 493 286 A (GRUBE GARY W ET 20 February 1996 (1996–02–20) column 2, line 63 – column 3, li	1-14			
	her documents are listed in the continuation of box C.	X Patent family mem	mbers are listed in annex.		
citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *Y* document of particular relevance; the cannot be considered to involve an indocument is combined with one or mother means		of in conflict with the application but the principle or theory underlying the relevance; the claimed invention if novel or cannot be considered to step when the document is taken alone relevance; the claimed invention if to involve an invention step when the			
iater tri	ent published prior to the international filing date but han the priority date claimed	he same patent family			
	actual completion of the international search 8 October 2004	Date of mailing of the in 27/10/200	international search report		
	nailing address of the ISA	2//10/2004 Authorized officer			
	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Dionisi, I	M		

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

					FEP2004/007447		
Patent document cited in search report		Publication date		Patent family member(s)		Publication date	
US 6721537	B1	13-04-2004	DE CA WO FR GB JP	19849294 2347089 0023966 2786649 2344723 2003524918	A1 A1 A1 A ,B	27-04-2000 27-04-2000 27-04-2000 02-06-2000 14-06-2000 19-08-2003	
US 5493286	Α	20-02-1996	NONE				